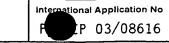


(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER see Notification of	f Transmittal of International Search Report
GI-012 PCT	ACTION	20) as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/EP 03/08616	04/08/2003	09/08/2002
Applicant		
	,	•
MAX-PLANCK-GESELLSCHAFT ZU	JR FÖRDERUNG DER	
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Searching Auth	nority and is transmitted to the applicant
	morning to the michalional Bareau.	
This International Search Report consists	of a total of sheets.	
X It is also accompanied by	a copy of each prior art document cited in this	report.
Basis of the report		
With regard to the language, the language in which it was filed, unli	nternational search was carried out on the bases otherwise indicated under this item.	sis of the international application in the
the international search w Authority (Rule 23.1(b)).	as carried out on the basis of a translation of the	ne international application furnished to this
 With regard to any nucleotide and was carried out on the basis of the 	d/or amino acid sequence disclosed in the in	ternational application, the international search
	nal application in written form.	
filed together with the inte	rnational application in computer readable form	n.
	this Authority in written form.	
	this Authority in computer readble form.	
international application as	sequently furnished written sequence listing do s filed has been furnished.	des not go beyond the disclosure in the
the statement that the info furnished	rmation recorded in computer readable form is	identical to the written sequence listing has been
2. X Certain claims were four	nd unsearchable (See Box I).	
3. Unity of invention is lack	king (see Box II).	
·	·	
4. With regard to the title,		
X the text is approved as sul	· · · · ·	
the text has been establish	ned by this Authority to read as follows:	
• •		
5. With regard to the abstract,		
X the text is approved as sut	omitted by the applicant.	
the text has been establish within one month from the	ned, according to Rule 38.2(b), by this Authorit date of mailing of this international search rep	y as it appears in Box III. The applicant may, ort, submit comments to this Authority.
6. The figure of the drawings to be publi	shed with the abstract is Figure No.	1
X as suggested by the applic		None of the figures.
because the applicant faile		
because this figure better	characterizes the invention.	



A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C12N15/63 A61K48/00

A61K31/65

A61K41/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ccc} \text{Minimum documentation searched (classification system followed by classification symbols)} \\ IPC & 7 & C12N & A61K \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

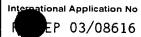
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, MEDLINE, EMBASE, CHEM ABS Data, SCISEARCH, PASCAL

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 10612 A (RES DEV FOUNDATION) 2 March 2000 (2000-03-02) page 1, line 3 - line 10; figure 2; example 1 page 6, line 10 -page 7, line 3	1-5,10, 11
X	YU T-M ET AL: "ILLEGITIMATE RECOMBINATION IN AN ESCHERICHIA-COLI PLASMID MODULATION BY DNA DAMAGE AND A NEW BACTERIAL GENE" JOURNAL OF BACTERIOLOGY, vol. 170, no. 7, 1988, pages 2898-2903, XP009021094 ISSN: 0021-9193 abstract page 2899, column 1, paragraph 2 - paragraph 3	1-5,10,

X Further documents are listed in the continuation of box C.	Patent family members are listed in annex.		
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but	 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. 		
later than the priority date claimed	'&' document member of the same patent family		
Date of the actual completion of the international search 18 November 2003	Date of mailing of the international search report 28/11/2003		
Name and mailing address of the ISA	Authorized officer		
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Vandenbogaerde, A		

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0.0	DOCUMENTS CONSIDERED TO BE DELEVANT	EP 03/08616
Category °	citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
А	WO 98 26786 A (UNIV CALIFORNIA) 25 June 1998 (1998-06-25) abstract	1-15
A	US 6 017 758 A (ALEXANDER J STEVEN ET AL) 25 January 2000 (2000-01-25) abstract; claims 1-5	1-15
Α	CAMBRIDGE S B ET AL: "Photoactivated gene	1-15
	expression" MOLECULAR BIOLOGY OF THE CELL, vol. 7, no. SUPPL., 1996, page 304A XP009021092	•
	Annual Meeting of the 6th International Congress on Cell Biology and the 36th American Society for C;San Francisco, California, USA; December 7-11, 1996 ISSN: 1059-1524 abstract	200
A	MONROE W T ET AL: "Caged DNA: A novel strategy to induce expression with light" FASEB JOURNAL, vol. 13, no. 4 PART 1, 12 March 1999 (1999-03-12), page A192	1-15
	XP009021089 Annual Meeting of the Professional Research Scientists for Experimental Biology 99; Washington, D.C., USA; April 17-21, 1999 ISSN: 0892-6638 abstract	-16
(,P	US 2003/018073 A1 (KAO JOSEPH PAO YUNG ET AL) 23 January 2003 (2003-01-23) page 7, column 2, paragraph 2 -page 8, column 1, paragraph 4	1-15
X,P	DATABASE BIOSIS 'Online! BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 2002 CAMBRIDGE S B ET AL: "A CAGED DOXYCYCLINE ANALOG FOR PHOTOACTIVATED GENE EXPRESSION WITH HIGH SPATIOTEMPORAL RESOLUTION." Database accession no. PREV200300315406 XP002261878	1-15
	abstract & SOCIETY FOR NEUROSCIENCE ABSTRACT VIEWER AND ITINERARY PLANNER, vol. 2002, 2002, page Abstract No. 623.2 32nd Annual Meeting of the Society for Neuroscience;Orlando, Florida, USA; November 02-07, 2002	
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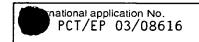


International Application No EP 03/08616

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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			· · · · · · · · · · · · · · · · · · ·
Category °	Citation of document, with indication, where appropriate, of the relevant passages			Relevant to claim No.
X,P	CAMBRIDGE S B ET AL: "A caged doxycycline analog for photoactivated gene expression with high spatiotemporal resolution." MOLECULAR BIOLOGY OF THE CELL, vol. 13, no. Supplement, November 2002 (2002-11), page 407a XP009020912 42nd Annual Meeting of the American Society for Cell Biology; San Francisco, CA, USA; December 14-18, 2002 ISSN: 1059-1524 abstract			1-15
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Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This Inte	ernational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
	Claims 10 and 12-15: Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy and/or Diagnostic method practised on the human or animal body Rule
2.	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This Inte	rnational Searching Authority found multiple inventions in this international application, as follows:
•	
1.	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark	on Protest The additional search fees were accompanied by the applicant's protest.
	No protest accompanied the payment of additional search fees.
	· · · · · · · · · · · · · · · · · · ·

rmation on patent family members

EP 03/08616

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